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1	Streptococcus pyogenes M1 GAS strain SF370, section 11 of 167 of the complete genome.	AE006482	AE004092			
2	Streptococcus pyogenes M1 GAS	AE006482.1	GI:13621422			
3	Streptococcus pyogenes M1 GAS					
4	Bacteria: Firmicutes; Lactobacillales; Streptococcaceae;					
5	Streptococcus					
6	1 (bases 1 to 11289)					
7	Ferritelli, J. J., Mcshan, M. M., Adjic, D., Savic, D., Savic, G., Lyon, K.,					
8	Primeaux, C., Szarek, S. S., Surotov, A. N., Kenton, S., Lal, H., Lin, S.,					
9	Qian, Y., Jia, H. G., Najjar, F. Z., Ren, Q., Zhu, H., Song, L., White, J.,					
10	Yuan, X., Clifton, S. W., Roe, B. A., and McLaughlin, R. E.					
11	Submitted (10-APR-2001) Department of Microbiology and Immunology,					
12	University of Oklahoma Health Sciences Center, 940 SL Young Blvd,					
13	Oklahoma City, OK 73104, USA					
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 ORGANISM Streptococcus pyogenes
 Bacteria; Firmicutes; Lactobacillales; Streptococcaceae; Streptococcus.
 REFERENCE
 AUTHORS Miyoshi, Akiyama, T., Nakisaka, N., Zhao, J., and Uchiyama, T.
 TITLE Characterization of collagen binding protein (Cpa) of M-type group A streptococcus
 JOURNAL Miyoshi, Akiyama, T., Nakisaka, N., Zhao, J. and Uchiyama, T.
 AUTHORS Miyoshi, Akiyama, T., Nakisaka, N., Zhao, J. and Uchiyama, T.
 TITLE Direct Submission
 JOURNAL Submitted (03-APR-2002) Tohru Miyoshi, Akiyama, Tokyo Women's Medical University, Department of Microbiology and Immunology, 8-1, Kawada-cho, Shinjuku-ku, Tokyo 162-8666, Japan
 (E-mail: kfm01112@nifty.ne.jp, Tel: 81-3-3353-8111 (ex. 22713), Fax: 81-3-5269-7411)
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 DB 2014 GTTAAACAGATTAACAAACCTCGAATTTAAAGATGATTAACCACTTAATTTAATA 2073
 QY 661 HisGlyGluSerLeuThrLeuGlnGlyLeuProGluGlyTyrSerTyrLeuValLysGlu 680
 DB 2074 CATGGGGAAGTTTACACTTCAAGGTTTACAGAGGTTATTCCTTACTGTCAGAAAGA 2133
 QY 681 ThrAspSerGluGlyTyrLysValLysValAsnSerGlnGluValAlaAsnAlaThrVal 700
 DB 2134 ACAGATTCGAAGCTATTAAGTTAAAGTTAAATTAAGCAAGATACCAATGCTTACAGT 2193
 QY 701 SerLysThrGlyIleThrSerAspGluThrLeuAlaPheGluAsnAsnLysGluProVal 720
 DB 2194 TCAAAAACAGATTAACAGATGATGACACTTCTTTGAAAATATATAAGCTGTGT 2253
 QY 721 ValProThrGlyValAspGlnLysIleAsnGlyTyrLeuAlaLeuIleValIleAlaGly 740
 DB 2254 GTTCCCTACAGGAGTTGATCAAAAGATCAATGCTTACCTTGTATGATTCGCTGT 2313
 QY 741 IleSerLeuGlyIleThrProGlyIleHisThrIleArgIleArgLysHisAsp 757
 DB 2314 ATCAGTTTGGGATCTGGGGAATTCACAGCATTAAGGATTAAGAAACATGAC 2364
 RESULT 3
 AF447492 16207 bp DNA linear BCT 07-MAR-2002
 LOCUS
 DEFINITION Streptococcus pyogenes Rofa (rofa), protein F (prf1.12), Cpa (cpa.12), Lepa (lepa), EftuSL.A (eftuSL.A12), EftuSL.B (eftuSL.B), MsmRL (msmRL), and protein F2 (prfF2.12) genes, complete cds; and unknown gene.
 ACCESSION AF447492
 VERSION AF447492.1 GI:19224132
 KEYWORDS
 SOURCE Streptococcus pyogenes
 ORGANISM Streptococcus pyogenes
 Bacteria; Firmicutes; Lactobacillales; Streptococcaceae;
 Streptococcus
 REFERENCE 1 (bases 1 to 16207)
 AUTHORS Bessen, D.E. and Kalla, A.
 TITLE Genomic localization of a T serotype locus to a recombinatorial zone encoding extracellular matrix-binding proteins in Streptococcus pyogenes
 JOURNAL Infect. Immun. 70 (3), 1159-1167 (2002)
 MEDLINE 21843101
 PUBMED 11854196
 REFERENCE 2 (bases 1 to 16207)
 AUTHORS Bessen, D.E. and Kalla, A.
 TITLE Direct Submission
 JOURNAL Submitted (12-NOV-2001) Epidemiology & Public Health, Yale